

UNITED STATES GOVERNMENT

Memorandum

TO : Director of Communications

OCE M75-380
DATE: 09 OCT 1975

FROM : Chief, Communications Engineering

SUBJECT: Monthly Narrative Summary Report - September 1975

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1. Mr. [REDACTED] reported on duty on 29 September 1975 and assumed the duties of Chief, Engineering Support Division, OC-E.

2. A Request for Proposal (RFP) for a Firm Fixed Price quotation covering the installation of the secure voice and data system in the [REDACTED] Building was prepared and sent to [REDACTED],

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[REDACTED] was the only company responding to the RFP; their bid was received on 17 September, and is currently being reviewed. It is anticipated that a contract will be awarded in early October. Current scheduling calls for the contractor to have access to the building on or before 15 November 1975 to commence cable pulling and equipment installation.

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3. Labor strife and buy out of the [REDACTED] caused a 60-day slip in the delivery, installation and cutover of the Headquarters tandem switch. It is now anticipated that delivery of the system will be made on 19 November 1975 and that cutover will take place between 23 and 25 January 1976. The buy out by [REDACTED] will impact the long-term support of the switch, but it is too early to fully assess the degree.

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4. [REDACTED] delivered and briefed Headquarters personnel on the draft statement of work for ITS-W Phase II during the week of 15 September. The final statement of work should be completed some time during the last week of September. Mr. Colby and the USIB are scheduled to review the program on 2 October 1975 for a final decision on go-no-go for Phase II.

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5. The AFT specification was forwarded to OC-0 and OC-CS on 12 September for their review and comment.

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██████████ system specification is being reviewed to determine the suitability to the AFT operational and technical requirements.

6. ARS-III acceptance testing in ██████████ was completed on 3 September. The ARS-IV in-plant inspection was performed on 29 and 30 September after being delayed one week because of equipment burn-in problems in the contractor test bed. It is anticipated that there will be a one to two-week delay in the start of the ARS-IV installation ██████████

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7. The OD&E Contract Officer reported informally that an audit of the ██████████ accounting records for the DATEX project turned up a duplicate charge of \$25,000, lessening the overrun charge to approximately \$245,000. Following the accounting audit, ██████████ was requested to provide a detailed breakdown as to precisely what the overrun charges represent. According to the ██████████ contracting officer, the breakdown research is underway and is expected to be completed circa mid-October.

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8. ██████████ announced a one-month delay in the CDS schedule, slipping the projected date of acceptance to 21 June 1976. Meanwhile, on-site testing of the ACT, MAX, and OCR line control routines has been progressing at a swift pace. Renovations in the Cable Secretariat, including installation of a new door in the shielded enclosure, are nearing completion.

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9. Traffic statistics for Agency outbuildings were collected and analyzed, resulting in a recommendation to provide electrical message delivery service for the ██████████ and Key Buildings and ██████████ Preparation of an OCR software specification commenced, while various items of hardware were examined for their suitability.

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10. A MAX program has been developed to do software Character Sequence Recognition (CSR) search on low-speed teletype circuits. This program has been tested in a pseudo on-line mode of operation and appears to satisfy all of the security requirements. A memorandum has been sent to OC-CS regarding this subject, and if a favorable response is received, a meeting will be held to develop a test and implementation plan.

11. Further testing of the MAX TSU operation at 600 baud has proven that this speed is beyond the scope of the MAX software capability as it exists at present. Operation at 300 baud ASCII still appears to be feasible but additional testing is required before a determination can be made.

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13 September as a result of a despun platform bearing
25X1C problem. [REDACTED] has continued attempts to recover use of
the satellite through the end of the month. The final
two SC-1A terminals (#38 and #39) of the FY-75 procurement
were accepted for delivery at [REDACTED]. Installation of
25X1A6a the SC-1A terminal [REDACTED] was completed.

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25X1A6b 13. The conversion of all the equipment inside the
[REDACTED] to MIL-STD-188C operation was
completed in preparation for the installation of ARS IV.
The Headquarters installation team is now removing old
equipment and completing other clean-up work.

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15. Engineering support responsibility for [REDACTED]
GCS has been transferred from SED to CED. ESD will pro-
vide logistical R&R support. SED has retained the responsi-
bility for the relocation of the [REDACTED]

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received and installed at [REDACTED] in September. Two
additional units are due to arrive on 3 October, and
will be installed the week of 6 October.

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[REDACTED] technicians [REDACTED] have been tested.
Some "out of specification" readings were noted; however,
after component changes were made, all 17 low-noise
modifications and five spare board kits were accepted.

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18. The six KG-13's rejected from the Bluegrass
Army Depot KG-13 Rehab Program were re-tested with all
troubled components consolidated into four units and
shipped back to Bluegrass for repair.

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19. Messrs. [REDACTED] departed 22 September
on the worldwide SV-8 Field Introduction Program. All the
SV-8's for the program have been received by the respective
Area Headquarters.

20. Fifteen VRC603BB Fax copiers with paper and manuals were placed into the stock system this month. These copiers are to be used with the SF-1 system.

21. A design review of the [REDACTED] system was held this month with participants from OTS, COD, DDO/[REDACTED] and CED. The major holdups at this juncture are the production of the CY-7/CVSD on a single chip and the repeater frequency separation.

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22. September brought very little in the way of a solution to the [REDACTED] interference problem. With the help of DD/S&T/OD&E and DDO/[REDACTED] several leads on possible sources of interference were explored. To date, none has proven to be the culprit. A task force met on 30 September [REDACTED] to review the bulk of data recently received from [REDACTED]. After this data is filtered, the team will request [REDACTED] to verify any questionable facts before the team departs for [REDACTED] o/a 6 October 1975. The test plan that will be used at [REDACTED] will be assembled during this same period of time.

23. Action plans were prepared for the current production procurement of various RS-59 components.

24. At the request of the COMSEC Liaison Officer (OC-E/CSLO), Project [REDACTED] equipment will be returned to OC-CS/Technical Security Branch. No further action is anticipated at this time.

25. Mr. [REDACTED] has been working closely with NSA regarding CY-2/CY-4 key simulation for the past several weeks. On 18 September, Mr. [REDACTED] reported that all problems are solved and simulation processing is proceeding.

26. The Logistics Support Section has completed the changeover from Type I to Type II Accounting. Account 909 will be operating as Type II beginning 1 October.

27. During the month of September, [REDACTED] delivered 15 each CT/D-79 and CT/E-79 cables f/u/w SV-8; 12 each 3M Transceiver/Copier f/u/w RS-708; 22 each MPG-65 Handcrank Generators; 100 each BA-224 Batteries f/u/w RS-224; and 516 items associated with the TL-4 system.

28. [REDACTED] has delivered 15 each VSDM (CY-3) units of the latest production contract.

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29. Procurement action has been initiated for ten additional TU-531 terminal units from the [REDACTED]

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25X1A5a1 30. Specification changes have been developed between CED and the [REDACTED] on transmitters and receivers used in the SV-8. Both parties are in agreement and see no further problems.

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32. A total of six technical evaluations are in progress and four technical evaluations are awaiting initiation. The Class B evaluation on the BS-98 (Battery Supply) was published by the Quality Assurance Branch.



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